

Converting Colors

Hex(415D09)

Have a look what the booklet for
Hex(415D09) contains.

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Color

Hex(415D09)

Conversions

Conversions Part 1

Format	Color
Hex	415D09
RGB	65, 93, 9
RGB Percent	25%, 36%, 4%
CMY	0.7451, 0.6353, 0.9647
CMYK	0.30, 0.00, 0.90, 0.64
HSL	80°, 82%, 20%
HSV	80°, 90%, 36%
XYZ	6.1436, 8.9722, 1.6665
YIQ	75.0520, 10.2760, -32.0600

Conversions

Conversions Part 2

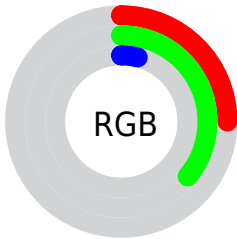
Format	Color
R_{YB}	9, 93, 37
Decimal	4283657
CIE _{Lab}	35.93, -23.18, 39.88
CIE _{LCh}	36, 46.126, 120.165
Yxy	8.9722, 0.3661, 0.5346
Android (android.graphics.Color)	4282473737 (0xFF415D09)
YUV	75.0520, -32.5636, -8.8156
Hunter-Lab	29.9537, -15.8079, 17.6690

Details

The Hex color **415D09** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **25095D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **748F3D**, and **0F2F00** is the 20% darker color. If you saturate the color by 10%, you get **3E5D00**, and if you desaturate by 10%, it is **445D12**.

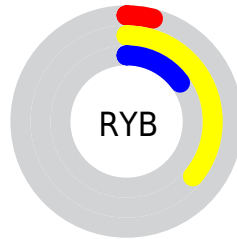
Distribution



Red (25%)

Green (36%)

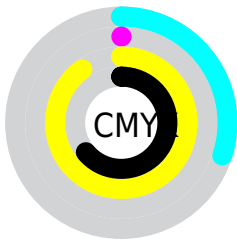
Blue (4%)



Red (4%)

Yellow (36%)

Blue (15%)

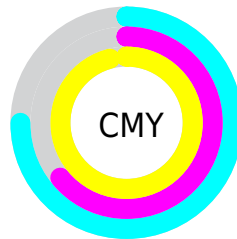


Cyan (30%)

Magenta (0%)

Yellow (90%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415D09 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 415D09 by changing the saturation by 10% instead.

 415D09

 415D09

 FFFFF9

 294500

 748F3D

 0F2F00

 8FAA56

 001C00

 AAC570

 000000

 C6E18A

 E2FEA5

 FFFFC0

 FFFFDC

 415D09

 415D09

■ 3E5D00

■ 445D12

■ 475D1C

■ 4A5D25

■ 4D5D2E

■ 505D37

■ 545D41

■ 575D4A

■ 5A5D53

■ 5D5D5D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



665300



415D09



00632E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



415D09



006294



952E56

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



415D09



25095D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81397A



415D09



00599F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



415D09



006579



534B95



943432

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



415D09



006547



534B95



903062

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



415D09



6D7857



5D2509



373D2A



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



415D09



507800



175D09



2C2E29



496E00



9EED00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25095D



280078



4F095D



2B292E



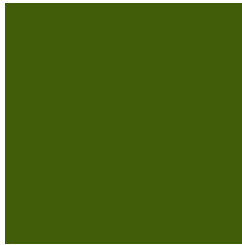
25006E



4F00ED

Previews

White Background



This preview shows how the Hex color 415D09 looks on a white background.

Color Contrast Check

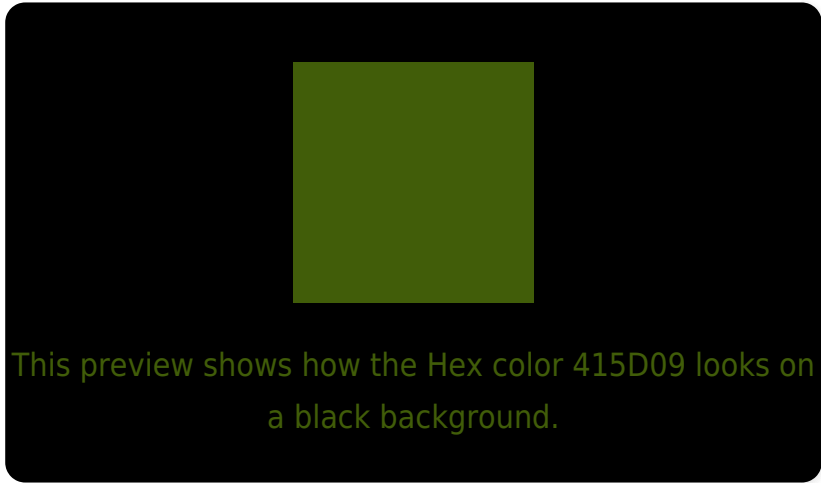
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

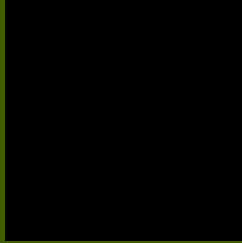
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 415D09 Background



This preview shows how black text looks on a background with the Hex color 415D09.



This preview shows how white text looks on a background with the Hex color 415D09.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

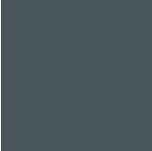
Dichromacy



Original Color
415D09

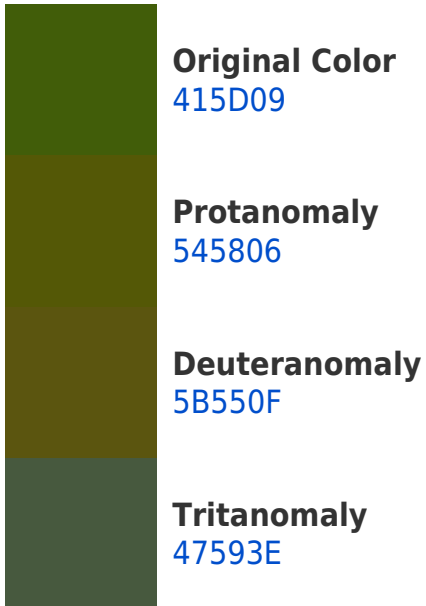
Protanopia
5F5505

Deuteranopia
6A5013

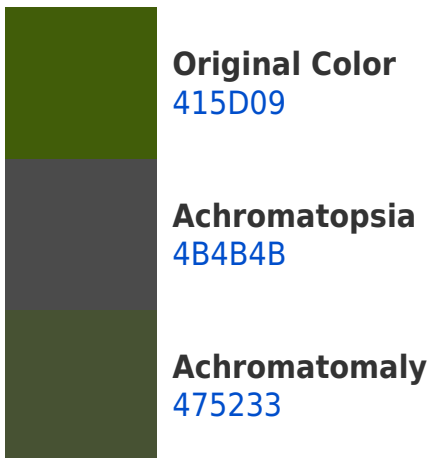


Tritanopia
4A565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 415D09 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #415D09 looks like.

```
.text, #text, p{  
    color:#415D09  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #415D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415D09
}
```

Border

The CSS property to change the border of an element to Hex 415D09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415D09 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#415D09 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #415D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415D09; -webkit-box-shadow:4px 4px  
4px 4px #415D09; box-shadow:4px 4px 4px  
4px #415D09 }
```

Background

The CSS property to change the background color of an element to Hex 415D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415D09 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#415D09 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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